

Amendments to the Specification:

Please amend the Brief Description of the Drawings section as follows:

BRIEF DESCRIPTION OF THE DRAWINGS

FIGURE 1 shows the binding curves of three of the monoclonal antibodies that recognized the recombinant polypeptide complex, produced in accordance with Example 7C.

FIGURE 2 shows the results of immunohistochemically staining two malignant breast sections, one normal breast section, and the HEK293-MB8 cell line with monoclonal antibody H9C65.

FIGURE 3 shows the results of immunohistochemically staining two malignant breast sections, one normal breast section, and the HEK293-MB8 cell line with monoclonal antibody J95C30.

FIGURE 4 is a scan of three Western blots showing three supernatants harvested from the growth of HEK293-MB8 cells. Blot 1 was developed with an anti-myc monoclonal antibody. Blot 2 was developed with an anti-BU101 polyclonal antisera. Blot 3 was developed with an anti-Mam polyclonal antisera.

FIGURE 5 is a scan of two dot blots showing immunorecognition of material by an anti-myc monoclonal antibody. The upper blot shows the fractions from supernatant of the MB8 cells eluting from a Nickel-chelation column. The lower blot shows the fractions from supernatant of the Mam M/H transient transfection of HEK293 cells eluting from a Nickel-chelation column.

FIGURE 6 is a scan of 4 Western blots comprising 16 panels. Supernatants from the MB8 cells and the transient transfection of HEK293 cells with Mam M/H plasmid are analysed by anti-BU101, anti-Mam, and anti-myc polyclonal and monoclonal antibodies.

FIGURE 7 is a scan of a Western blot from an isoelectric focusing gel (pH 3-10).

FIGURE 8 is a scan of 2 dot blots showing immunorecognition of material by an anti-myc monoclonal antibody. The upper blot shows the fractions from supernatant of the MB8 cells eluting from a Mono Q 5/5 column. The lower blot shows the fractions

from supernatant of the Mam M/H transient transfection of HEK293 cells eluting from a Mono Q 5/5 column.

FIGURE 9 is a standard curve for a Superose 12 column showing the relationship between elution volume and molecular weight of protein standards.

FIGURE 10 is a scan of a dot Blot showing immunorecognition of material by an anti-myc monoclonal antibody. The blot shows the fractions from supernatant of the MB8 cells eluting from a Superose 12 column.

FIGURE 11 is a scan of 2 Western blots analysing two tissue extracts and two supernatants with recombinant myc-his tagged Mam and BU101. The upper blot was developed with an anti-BU101 monoclonal antibody and the lower blot was developed with an anti-Mam polyclonal antibody.

FIGURE 12 is a scan of 2 dot blots showing immunorecognition of material by an anti-BU101 polyclonal antibody (upper blot) or an anti-Mam polyclonal antibody (lower blot). Both blots represent the fractions from a breast cancer tissue extract eluting from a Mono Q 5/5 column.

FIGURE 13 is a scan of 2 Western blots showing immunorecognition of material by an anti-BU101 polyclonal antibody (upper blot) or an anti-Mam polyclonal antibody (lower blot). Both blots represent the fractions from a breast cancer tissue extract eluting from a Mono Q 5/5 column.

FIGURE 14 is a scan of 2 dot blots showing immunorecognition of material by an anti-BU101 polyclonal antibody (upper blot) or an anti-Mam polyclonal antibody (lower blot). Both blots represent the fractions from a breast cancer tissue extract eluting from a Superose 12 column.

FIGURE 15 is a scan of a dot blot showing enhanced immunorecognition of myc-his tagged polypeptides using pretreatment protocols.

FIGURE 16 is the BU101 amino acid sequence (SEQ ID NO:6).

FIGURE 17 is the assembly of BS106 from individual expressed tags.

FIGURE 18A is the BS106 polynucleotide sequence (SEQ ID NO:7) and 18B is the BS106 polypeptide sequence (SEQ ID NO:8).

FIGURE 19A, 19B and 19C show the relative expression of BU101, mammaglobin and BS106, respectively.

FIGURE 20 A-D show BU101 complexing with mammaglobin.

FIGURE 21 shows correlation between marker expression and clinical and molecular parameters.

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